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MONTANA OIL AND GAS STATISTICAL BULLETIN

SHELVED WITH PERIODICALS

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BILLINGS, MONTANA

OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 10 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — OCTOBER, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of October 1962, averaged 87,901 barrels daily, an increase of 325 barrels from the average September production of 87,576.

The nine refineries in State processed 80,697 barrels of crude oil daily for the month of October 1962, a decrease of 6,561 barrels from the 87,258 barrels processed daily during the month of September 1962.

During October, 26 wells were completed, 14 oil, 2 gas wells and 10 dry holes.

During October, the commission issued 40 permits to drill new wells, a decrease of 3 from the 43 permits issued during September.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF OCTOBER, 1962

IN STORAGE OCTOBER 1st:	
By Producers	360,156
By Transporters	870,717
By Refiners	565,186
TOTAL STORAGE	1,796,059
Produced in Montana During Month	2,724,945
Imported During Month	1,501,092
TOTALS	6,022,096
DISPOSITION:	
Refined in Montana	2,501,627
Exported	1,812,055
Used for Fuel or Lost	(6,027)
TOTAL	4,307,655
IN STORAGE OCTOBER 31st:	
By Producers	367,696
By Transporters	833,677
By Refiners	513,068
TOTAL STORAGE	1,714,441

NATURAL GAS WITHDRAWALS IN MONTANA

Month of October, 1962

Field	M Cu. Ft.
Bears Den	4,634
Big Coulee	71,804
Bowdoin	130,478
Bowes	83,680
Box Elder	0
Cabin Creek	100,952
Cedar Creek	266,730
Clarks Fork	0
Cut Bank (including Reagan)	802,299
Devon	3,698
Dry Creek	185,486
Elk Basin	30,534
Flat Coulee	4,397
Golden Dome	5,424
Grandview	7,456
Hardin	5,128
Havre	0
Keith Block	157,367
Kevin Sunburst	58,997
Pine	60,926
Plevna	14,578
Utopia	0
Whitlash	87,012
Miscellaneous	13,817
TOTAL	2,095,397

Total Withdrawals for October, 1961 were 3,019,683 M Cu. Ft.

PRODUCERS REPORT—MONTH OF OCTOBER, 1962

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	507	2,256		1,609		1,154
3	Bannatyne	7	1,429	1,246		1,406		1,269
1	Bascom	1	716	1,739	1,989			466
5	Bear's Den	6	1,486	3,300		3,398		1,388
1	Belfry	1	31	612		202		441
1	Benrud	1	366	3,220	2,815			771
11	Big Wall	31	3,442	32,232	31,209	1,474		2,991
9	Blackfoot	14	3,336	6,048		5,309	230	3,845
4	Border	4	181	608		685		104
1	Bowes	74	3,972	15,485	16,040			3,417
2	Bredette North	2	619	591				1,210
2	Cabin Creek	99	7,013	297,161	294,546			9,628
17	Cat Creek	92	3,432	18,950	17,999			4,383
1	Clark's Fork North	1	1,579	1,168		1,168		1,579
1	Cupton	1	319	1,064		402		981
213	Cut Bank	1,103	119,631	161,871	153,005	6,053	126	122,318
3	Deer Creek	6	2,881	13,944	13,933			2,892
2	Delphia	2	422	756		787		391
1	Devil's Basin	1	1,362	93	190			1,265
4	Dry Creek	4	802	891	909			784
22	Dwyer	23	11,613	77,353	74,507		1	14,458
8	Elk Basin	60	8,986	332,633	337,025			4,594
2	Fertile Prairie	2	591	4,778	4,619			750
3	Flat Coulee	8	2,285	6,216	5,675			2,826
2	Frannie	2	694	630	1,324			
2	Gage	2	415	639	520			534
4	Gas City	26	9,719	76,058	79,230			6,547
6	Glendive	11	3,226	38,006	38,964			2,268
1	Graben Coulee	1	295	455	612			138
4	Gypsy Basin	4	2,000	1,306	1,286			2,020
2	Hibbard	3	336	1,817		1,817		336
9	Ivanhoe	18	3,685	30,636	30,590			3,731
6	Keg Coulee	13	3,610	37,840	37,812			3,638
155	Kevin Sunburst	1,007	19,686	56,187	56,671			19,202
2	Little Beaver	24	3,594	34,064	33,433	658		3,567
4	Little Beaver, East	22	3,482	29,711	30,635			2,558
13	Lookout Butte	37	4,227	116,939	116,938			4,228
	Mackay Dome		770					770
2	Melstone	5	1,388	7,181	7,899			670
6	Monarch	16	5,249	17,088	17,298			5,039
4	Mosser	4		584		584		
7	Outlook	11	8,060	37,533	37,139			8,454
3	Outlook South	3	2,122	2,598	3,776			944
30	Pennel	60	5,190	148,550	126,918	21,371		5,451
4	Pine	142	13,520	388,636	384,439	785	570	16,362
78	Pondera	312	8,067	40,535	39,388			9,214
	Pondera Coulee		144					144
5	Poplar, East	88	14,546	144,841	128,230	13,693	23	17,441
4	Poplar, Northwest	5	1,889	1,802	2,084			1,607
6	Ragged Point	18	1,863	16,381	14,639			3,605
3	Reagan	42	3,554	18,933	19,153			3,334
15	Red Creek	28	4,805	47,368	43,861	1,919		6,393
1	Redstone	1	379	1,015	944			450
1	Repeat	1	294	1,449		1,271		472
5	Richey	9	1,444	5,126	3,616	924		2,030
4	Richey, Southwest	5	2,022	11,195	2,099	8,292		2,826
4	Sand Creek	5	4,296	8,255	8,775			3,776
6	Sidney-Brorson	6	2,171	6,585	1,214	4,349	22	3,171
2	Snyder	4	817	876		673		1,020
5	Soap Creek	9	3,211	4,015		5,108		2,118
10	Stensvad	25	8,549	59,940	60,168			8,321
29	Sumatra	98	15,642	188,784	191,750		4	12,672
6	Tule Creek	8	3,345	76,813	67,135	9,809		3,214
12	Whitlash	32	3,840	11,894	1,244	9,508		4,982
2	Whitlash West	2		423	423			
10	Wills Creek	17	2,583	27,722	27,727			2,578
9	Wolf Springs	18	5,225	21,455	20,859			5,821
4	Woodrow	6	1,238	17,008	17,279			967
1	Wildcat, Sheridan Cty	1	794	828	1,186			436
2	Wildcat, Rosebud Cty	2	1,169	1,029	1,456			742
808		3,700	360,156	2,724,945	2,613,175	103,254	976	367,696

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1961	30,906,044	84,674	30,855,175	84,534
First Quarter, 1962	7,758,129	86,201	7,754,899	86,165
Second Quarter, 1962	7,814,132	85,870	7,829,353	86,037
Third Quarter, 1962	8,075,340	87,775	8,074,997	87,771
October, 1962	2,724,945	87,901	2,792,427	90,078

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December, 1961	386,286	940,839	629,288	1,956,413
March, 1962	385,453	877,194	559,443	1,822,090
June, 1962	363,128	924,225	624,679	1,912,032
September, 1962	360,156	870,717	565,186	1,796,059
October, 1962	367,696	833,677	513,068	1,714,441

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF OCTOBER, 1962

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			1,609				1,609		
BANNATYNE—Truck			1,406			1,406			
BEAR'S DEN—Truck			3,398			3,398			
BELFRY—Truck			202				202		
BIG WALL—McWood Corp.			1,474			1,474			
Glacier Pipe Line Co.		29,576		804		30,380			
Mountain Crude Marketers		804						804	
		30,380	1,474	804		31,854		804	
BLACKFOOT—Union Oil Co.			5,309			1,313		3,996	
BORDER—Truck			685			685			
BOWES—Texaco, Inc.		16,040				16,040			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	309,656	1,002,937		589,612			1,579,031		323,174
Shell Pipe Line Corp.	2,889	216,884		3,380	(373)			218,415	5,111
Truck			24,487					24,487	
	312,545	1,219,821	24,487	592,992	(373)		1,579,031	242,902	328,285
CAT CREEK									
Glacier Pipe Line Co.		15,104				15,104			
CLARK'S FORK—Truck			1,168				1,168		
CUT BANK									
Big West Oil Co.				38,307		38,307			
Darling Gathering System, Inc.	2,059	7,478						7,417	2,120
Glacier Pipe Line Co.				88,652		88,652			
Phillips Petroleum Co.	42,718	46,764		12,604	(190)	78,129		4,200	19,947
Texas Pipe Line Co.	17,624	20,118		6,584	125			18,557	25,644
Teton Pipeline Corp.	3,963	40,574		47,523	(3,847)			95,907	
Union Oil Co.	122,453	60,263		26,272	(232)	116,036			93,184
Truck			6,053	227				6,280	
	188,817	175,197	6,053	220,169	(4,144)	321,124		132,361	140,895
DELPHIA—Truck			787			787			
DRY CREEK—									
Marathon Pipe Line Co.	6,493	909			56				7,346
ELK BASIN—Ohio Oil Co.		337,025				337,025			
FRANNIE—Ohio Oil Co.		1,324					1,324		
GAGE—Glacier Pipe Line Co.		520				520			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK									
Texas Pipe Line Co.	9,312	78,953			(734)			74,096	14,903
HIBBARD—Truck			1,817			1,817			
IVANHOE—Glacier Pipe Line Co.		29,718					29,718		
KEG COULEE									
Glacier Pipe Line Co.		36,629				15,815	20,814		
KEVIN SUNBURST									
Big West Oil Co.	5,759	73,232				74,395			4,596
Homestake Oil & Gas Co.	361	2,288		7,418		9,667			400
Texas Pipe Line Co.	6,756	22,653			203	16,926		6,584	5,696
	12,876	98,173		7,418	203	100,988		6,584	10,692
MELSTONE—									
Glacier Pipe Line Co.		7,899				7,899			
MOSSER—Truck			584				584		
PONDERA—Phillips Petr. Co.	14,435	40,252		682	688	45,529		4,006	5,146
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY AND TULE CREEK									
East Poplar Gathering System	9,607	304,623			1,082	6,565		297,101	9,482
Truck—McWood Corp.	253		32,718			32,047		924	
	9,860	304,623	32,718		1,082	38,612		298,025	9,482
RAGGED POINT—									
Glacier Pipe Line Co.		12,948				3,013	9,935		
RED CREEK—									
Teton Pipeline Co.		48,245			483			47,762	
Truck			1,919	5,661				7,580	
		48,245	1,919	5,661	483			55,342	
SIDNEY-BRORSON—McWood Corp.	5,666		4,349	1,221				10,831	405
SNYDER—McWood Corp.			673			673			
SOAP CREEK—McWood Corp.	3,855		5,108			3,538			5,425
SUMATRA, STENSVAD AND BASCOM									
Crude Oil Pipe Line, Inc.	15,014	14,348				10,824			18,538
Glacier Pipe Line Co.	276,375	241,419			(5,071)	158,206	82,281		282,378
	291,389	255,767			(5,071)	169,030	82,281		300,916
WHITLASH—Truck			9,508			9,508			
Homestake Oil & Gas Co.		421				421			
		421	9,508			9,929			
WOLF SPRINGS									
Crude Oil Pipe Line, Inc.	15,469	20,861				26,148			10,182
TOTALS	870,717	2,730,809	103,254	828,947	(7,810)	1,152,247	1,726,666	828,947	833,677

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF OCTOBER, 1962

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co. Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		29,576								29,576
Blackfoot									1,890	1,890
Bowes			14,619							14,619
Cat Creek		14,420				3,119				17,539
Cut Bank	8,533							78,261	102,940	189,734
Delphia						302				302
Devil's Basin						198				198
Dry Creek				382						382
Elk Basin		132,338		94,140	110,547					337,025
Gage		520								520
Hibbard						381				381
Ivanhoe				430						430
Keg Coulee		6,257		10,740						16,997
Kevin Sunburst	75,136									75,136
Melstone				7,899						7,899
Pondera								44,873	435	45,308
Poplar							13,693			13,693
Ragged Point				3,013						3,013
Reagan									200	200
Red Creek					21,600					21,600
Richey, S. W.							8,292			8,292
Snyder		673								673
Soap Creek		3,538								3,538
Sumatra & Stensvad		10,825		158,205						169,030
Tule Creek							9,809			9,809
Whitlash	9,508									9,508
Wolf Springs					23,243					23,243
Total Montana Oil	93,177	198,147	14,619	274,809	155,390	4,000	31,794	123,134	105,465	1,000,535
Canadian Oil Imported									3,541	3,541
Wyoming Oil Imported		237,722		330,067	926,790	2,972				1,497,551
Total Montana, Canadian and Wyoming Oil	93,177	435,869	14,619	604,876	1,082,180	6,972	31,794	123,134	109,006	2,501,627

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1961	26,841	90	38,461	65,392
October, 1961	22,446	110	21,417	43,973
October, 1962	32,275	114	48,308	80,697

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1961	41.04%	.15%	58.81%
October, 1961	51.04%	.26%	48.70%
October, 1962	39.99%	.15%	59.86%